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(57) Abstract: Disclosed is a method for distinguishing leukemia subtypes t(15;17), t(8;21), inv(16), inv(3), complex aberrant karyotype (CA), AML-MLL, normal karyotype (NK), AML-other (trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q), del(9q), t(6;9); del(20q) and del(12p) and trisomy 4), ALL-MLL, ALL Ph+, ALL-t(8, 14), T-ALL, other B-lineage (OBL), CML, normal-BM, and/or CLL in a sample by determining the expression level of markers, as well as a diagnostic kit and an apparatus containing the markers.

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